



US 60 / Grand Avenue Loop 303 to Loop 101 Feasibility Study

ADOT Project No. 060 MA 139 H7327 01L



Public Open House
November 7, 2007



Grand Avenue Feasibility Study Public Open House

Welcome!

- ADOT's goals for this meeting:
 - Provide information about potential future Grand Avenue improvements
 - Loop 303 to Loop 101
 - Obtain community input to help prioritize potential projects within established budget
 - Please use the cards provided to submit questions to a project team member during the presentation.



ADOT Project Partners





Regional Transportation Plan (RTP)

- In 2003, Maricopa Association of Governments (MAG) developed a \$15.8 billion Regional Transportation Plan
- In 2004, voters approved Proposition 400
 - Provided funding needed to implement Regional Transportation Plan
 - Extension of 1985 voter-approved plan



What is the Regional Transportation Plan?

- A Partnership between ADOT, MAG, local governments, Valley Metro and Valley Metro Rail to:
 - Manage regional transportation programs
 - Coordinate project implementation
 - Develop finance strategies
 - Foster communication and public involvement
 - Facilitate regional collaboration

Local & Tribal Governments

Business & Community Groups

Citizens

INPUT

Maricopa Association of Governments (MAG)

Develops Regional Transportation Plan

Arizona State Legislature

Approves plan to go to voters

Citizens

Approve Funding for Regional Transportation Plan*

ADOT

Implements highway projects in Regional Transportation Plan

Federal Highway Administration

Oversees ADOT compliance
Provides federal share funding

Regional Transportation Planning Process

Prioritizes Projects

Oversees to ensure performance standards

*Maricopa County voters approved current Regional Transportation Plan in November 2004.

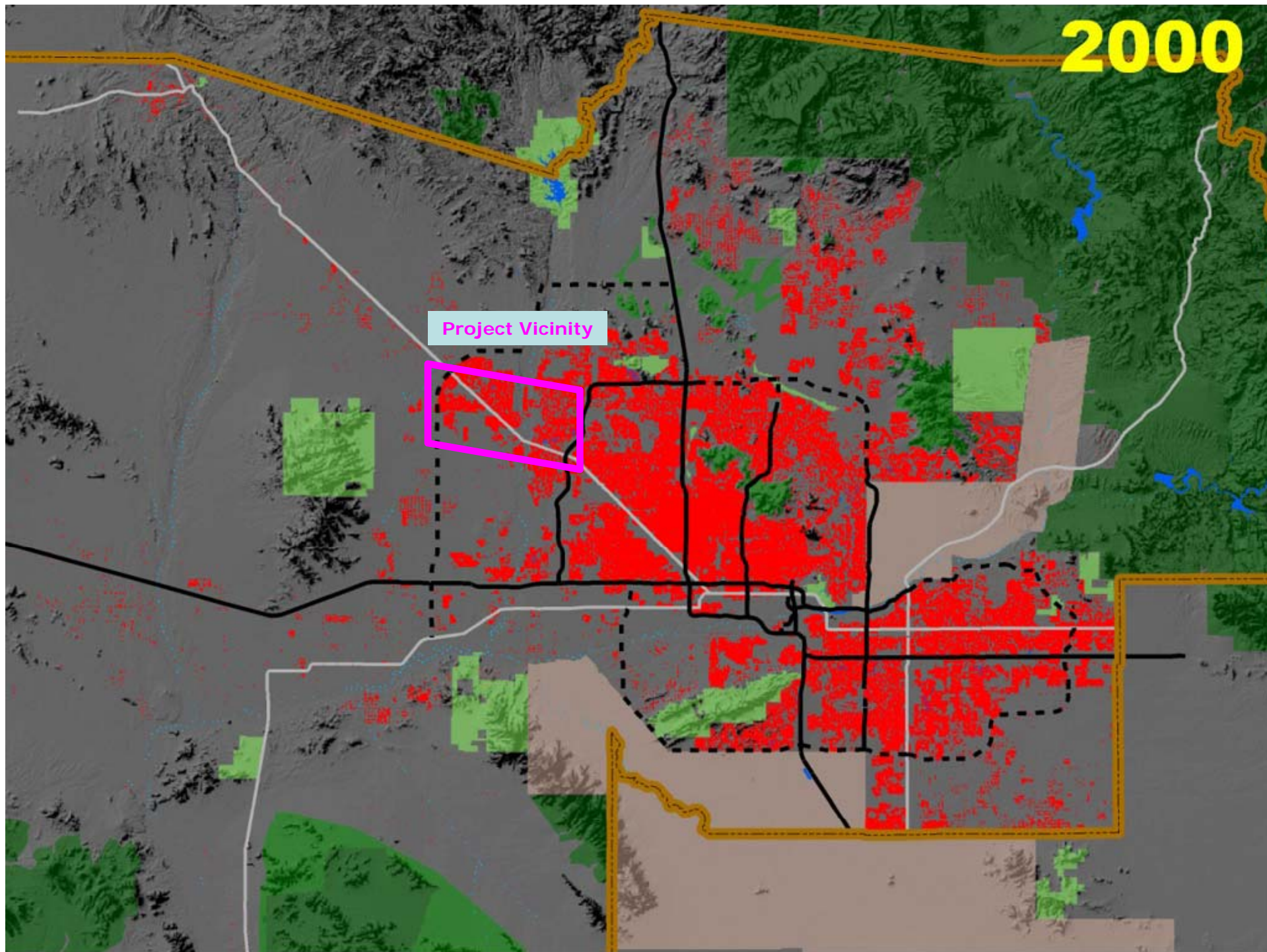


Why was a Regional Transportation Plan Needed?

- To efficiently pool and prioritize resources
- To reach consensus among all communities and agencies on a balanced program
- To meet increasing needs of the community:
 - Valley population projected to increase from 3.7 million to 6.1 million by 2025

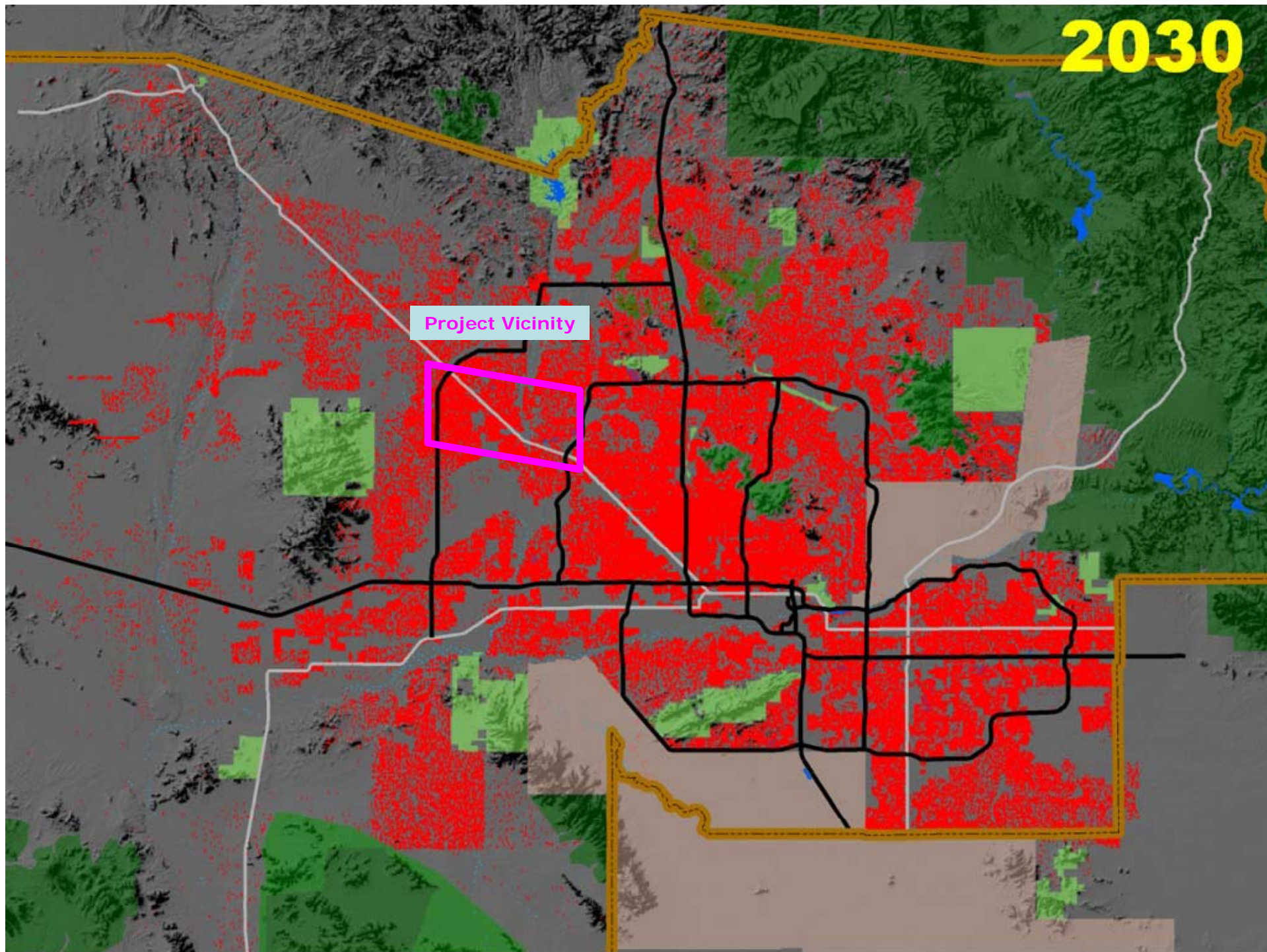
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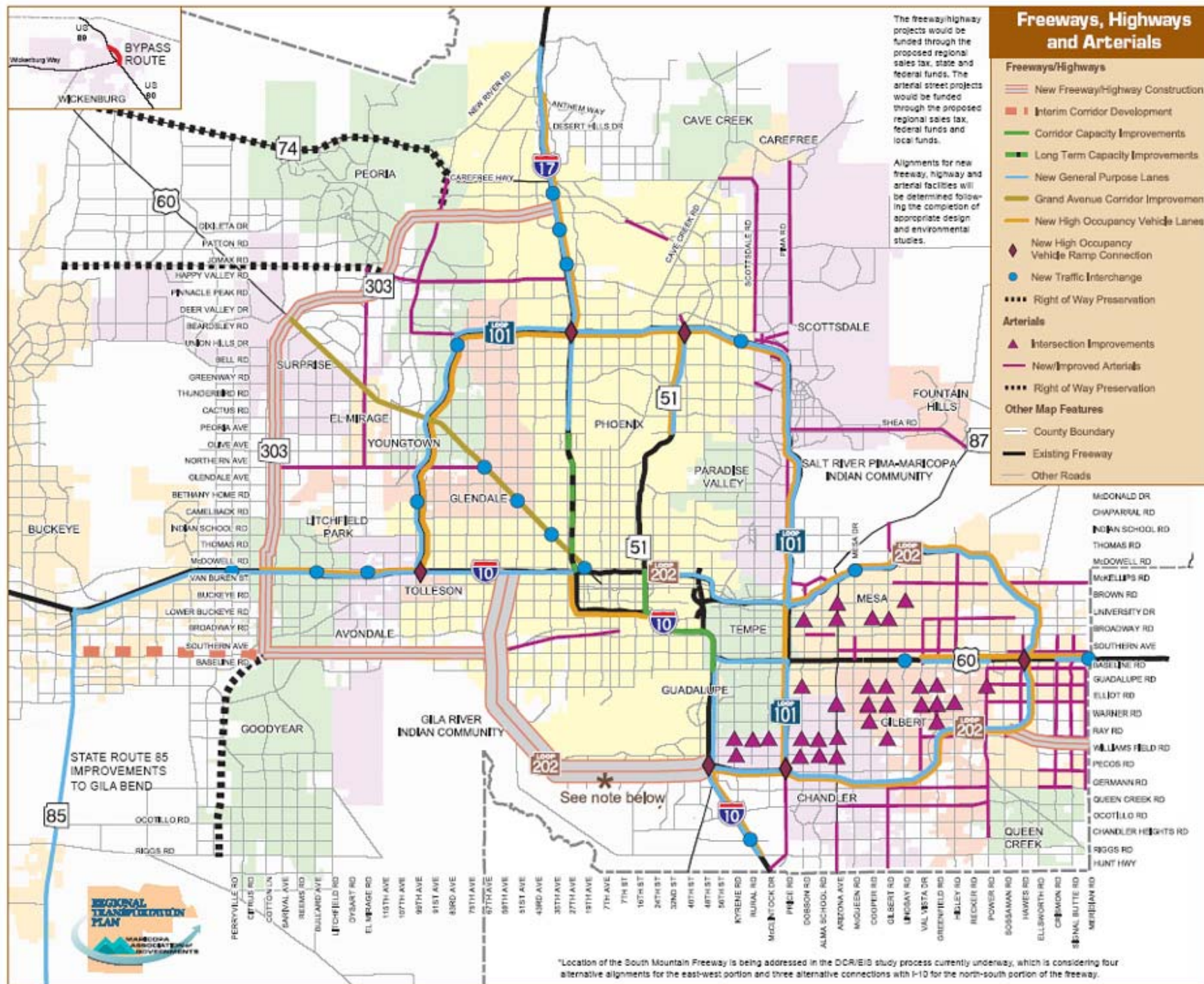
Project Vicinity



2030

Project Vicinity







MAG's Role: Create the Plan

- Develop Regional Transportation Plan (RTP) and conduct regional transportation planning
- Set priorities for scheduling and funding
- Approve accelerations and cost changes to RTP
- Ensure conformity with federal air quality standards



ADOT's Role: Deliver the Plan

- Implement RTP Freeway Component
- Conduct studies to identify/evaluate alternatives
- Coordinate environmental reviews
- Acquire right-of-way
- Design and construct freeways
- Maintain freeways
- Approve Regional Freeway enhancements



FHWA's Role: Oversight

- Serve as lead federal agency
- Participate in study process
- Provide document review and approval
- Provide funding



Local Governments' Role: Manage Local System

- Maintain existing county or city roads
- Plan, design and construct new county or city roads and improvements
- County Board of Supervisors or City Council:
 - Represent community in MAG planning and prioritizing discussions
 - Represent community in approaching ADOT regarding enhancements



Managing the Existing Transportation System

- Population Growth:
 - ADOT does not control land development
 - ADOT cannot assess impact fees
- Rising Costs
- Environmental Issues/Studies
- Transit
 - Commuter/heavy rail options under study



Why Improve Grand Avenue?

- Primary urban highway connecting:
 - Cities of Peoria, El Mirage, Surprise and Wickenburg
 - Town of Youngtown
 - Unincorporated areas of Maricopa County, including Sun City and Sun City West
- Vital link in statewide highway system
 - Will become more important as growth continues to west and southwest
- Serves as link between Metro Phoenix and Las Vegas / I-15



Long-term Needs for Grand Avenue Corridor

- Accommodate typical weekday traffic projections
 - 40,800 to 57,100 vehicles daily by 2025
 - Widening to three continuous lanes each direction to be completed by 2010
- Improve...
 - Safety
 - Capacity
 - Operation

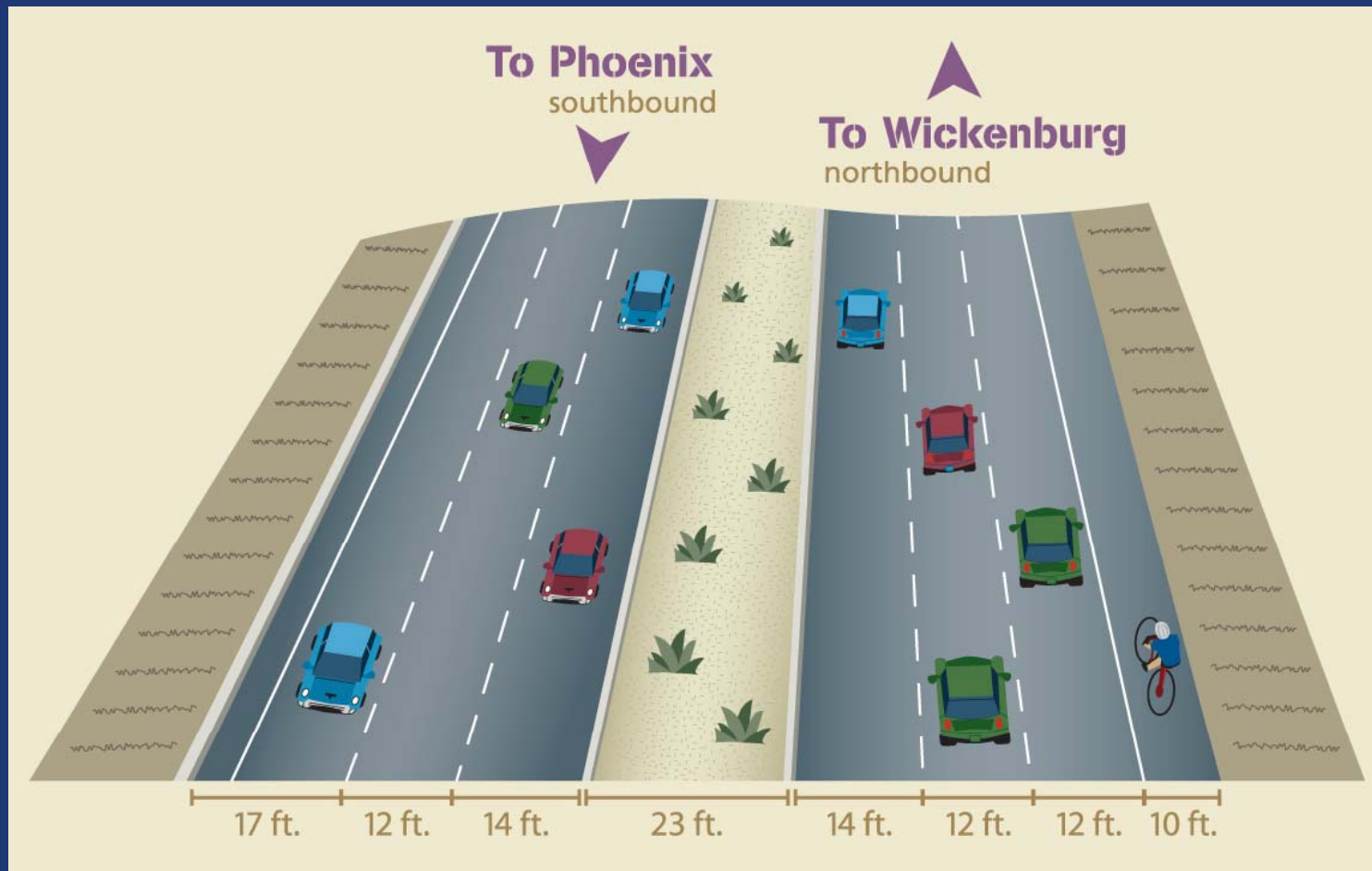


Grand Avenue Widening, Loop 303 to 99th Avenue

- Scope is to widen from current 4-lane to continuous 6-lane arterial street
- Project design is scheduled for completion in 2008
- Construction planned to begin in early 2009 and be completed in early 2011

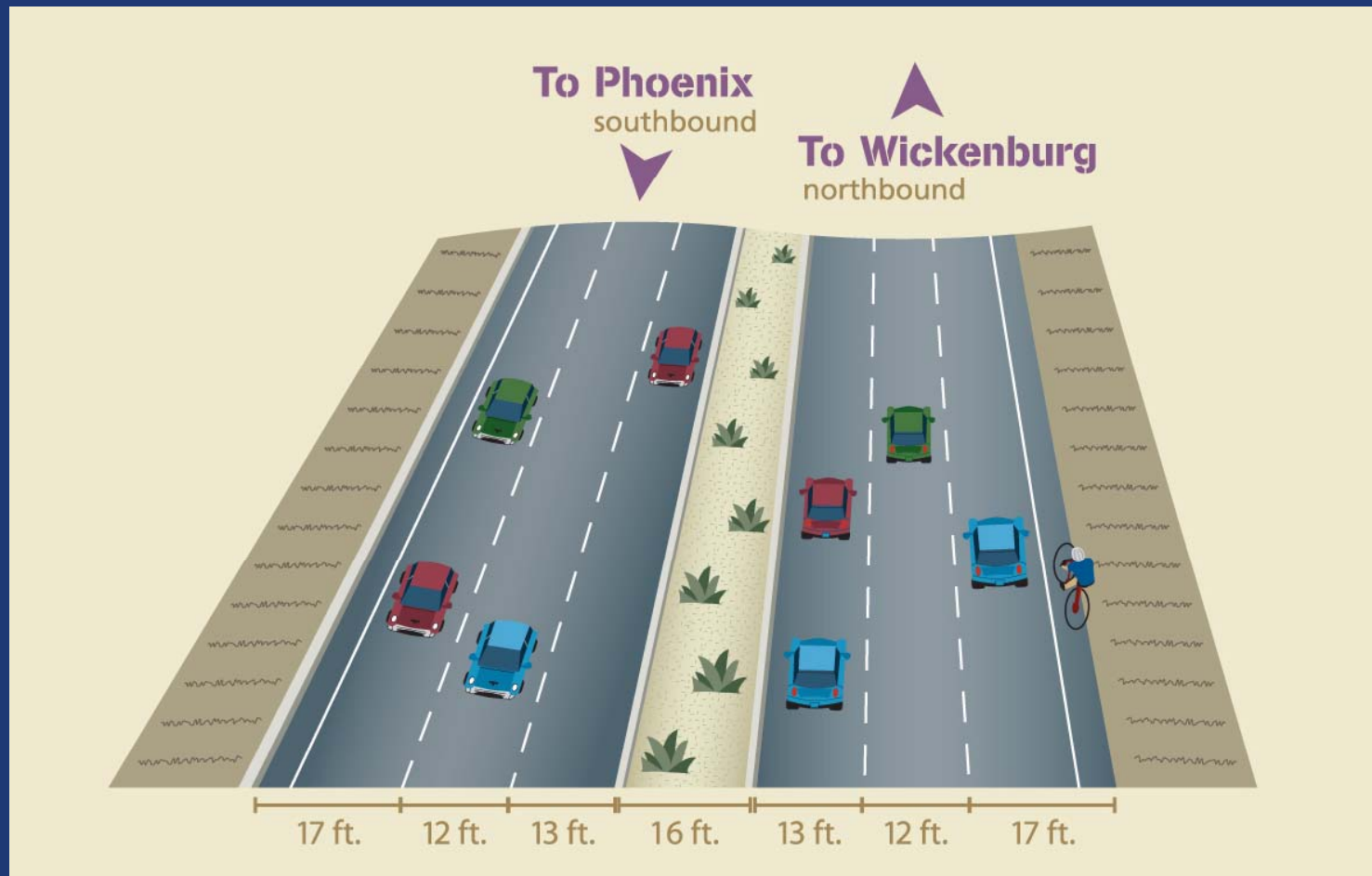


Grand Avenue Widening, Loop 303 to 99th Avenue: North of Agua Fria River





Grand Avenue Widening, Loop 303 to 99th Avenue: South of Agua Fria River



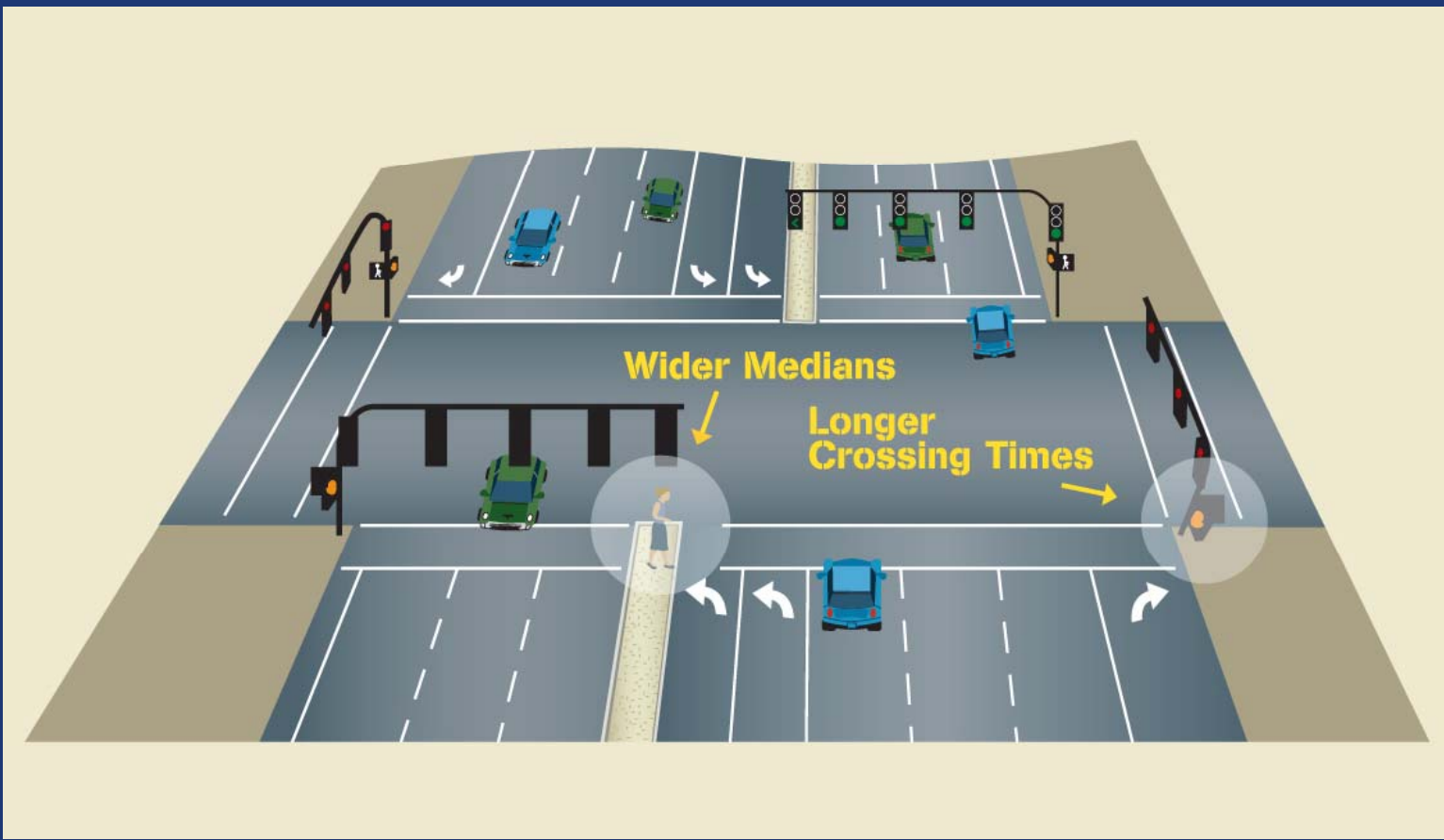


Other Features of Loop 303 to 99th Avenue Widening

- Additional turn lanes
- Provision for “Shared Road Concept”
 - Striping for bicycle lanes up to local jurisdictions
- Pedestrian waiting areas
 - Push buttons in medians
 - Additional crossing time for pedestrians
- Signal synchronization
- Landscape designs to be developed in conjunction with local jurisdictions



Grand Avenue Widening, Loop 303 to 99th Avenue: Project Features



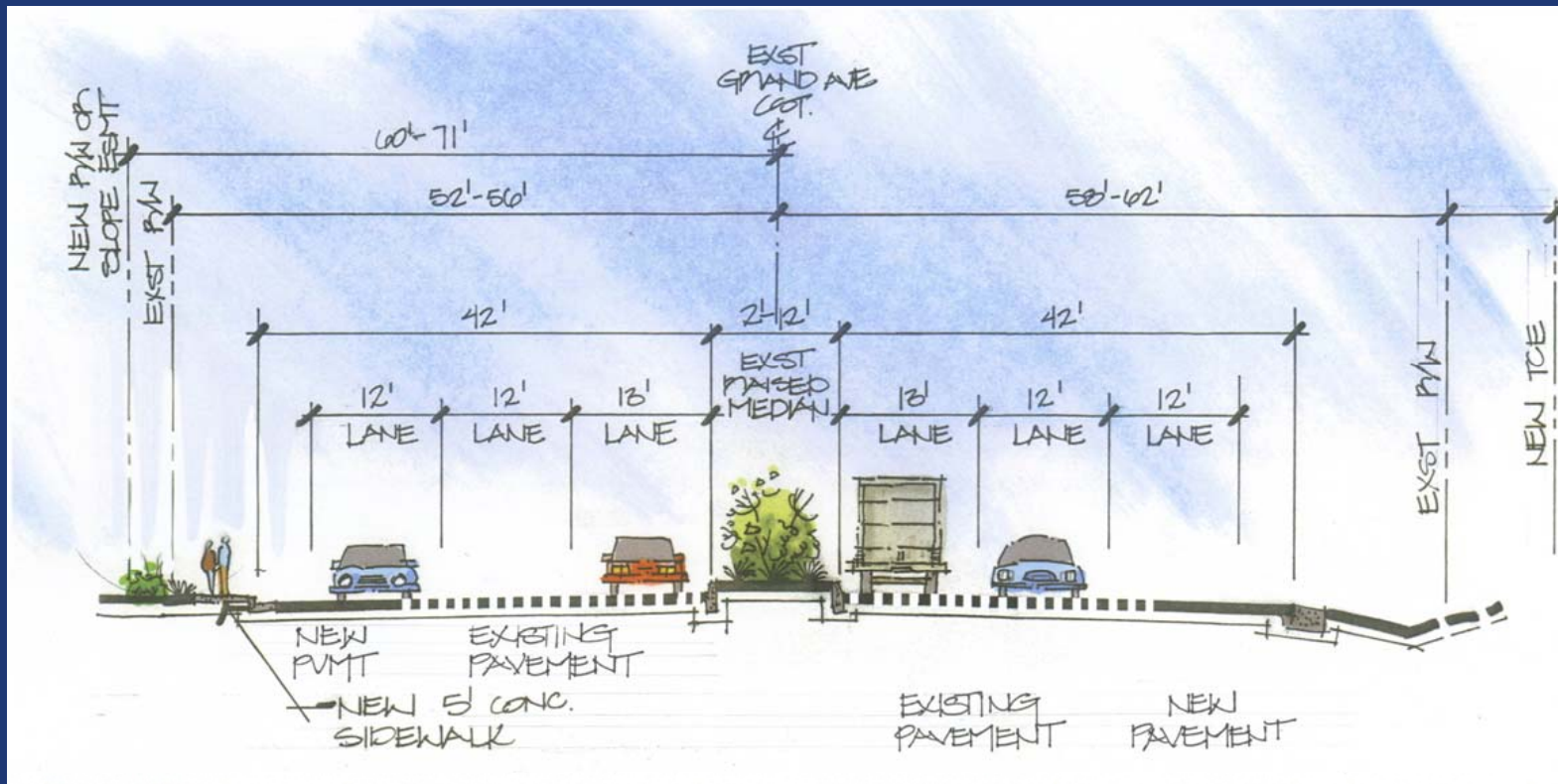


Grand Avenue Widening, 99th Avenue to 83rd Avenue

- Scope is to widen from current 4-lane to 6-lane arterial street
- Project design is scheduled for completion in 2008
- Construction planned to begin in early 2009 and be completed in early 2010

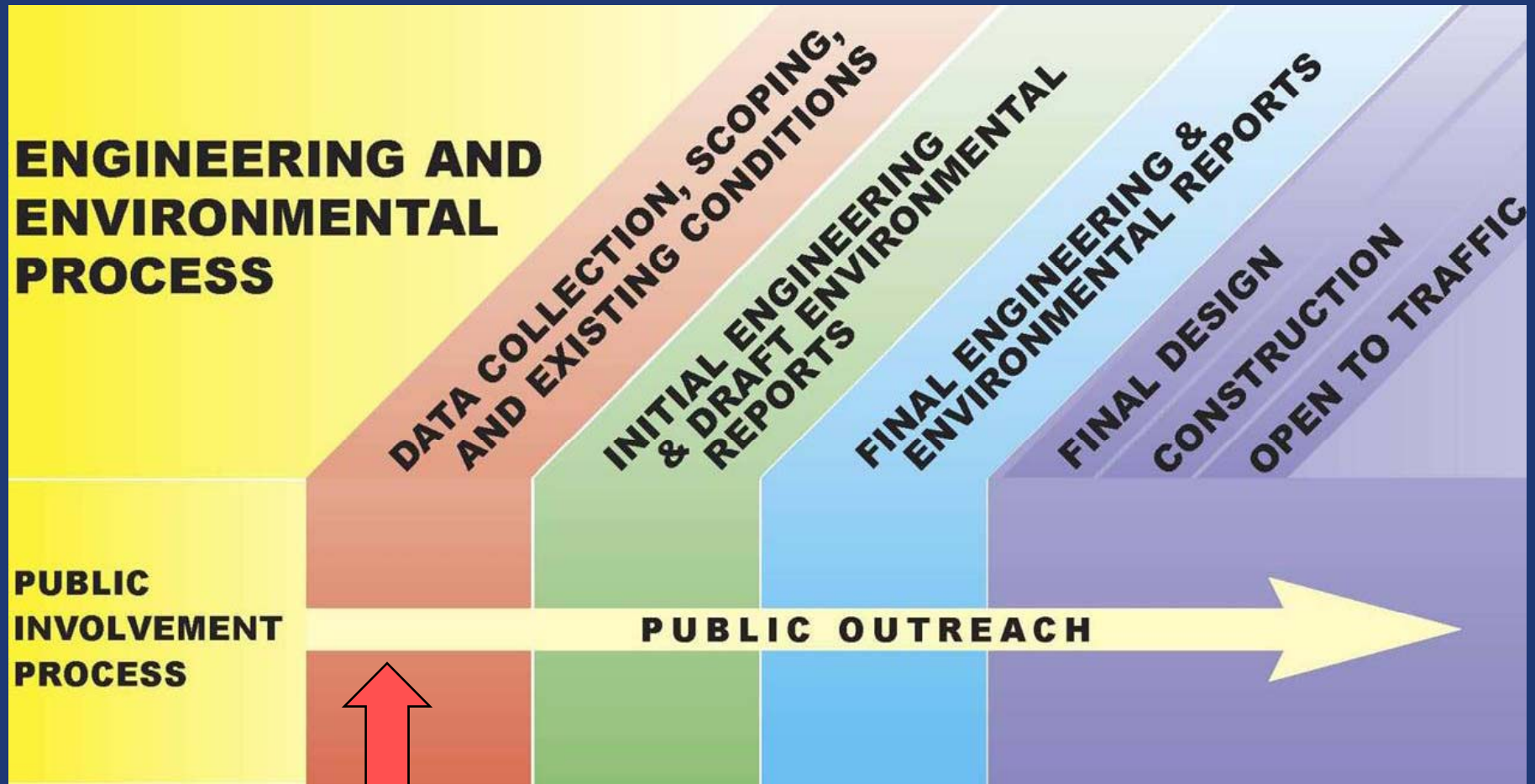


Grand Avenue Widening, 99th Avenue to 83rd Avenue: Roadway Cross-section





Grand Avenue Feasibility Study



Current Effort



Grand Avenue Feasibility Study

- Grade separation (e.g., overpass or underpass) at Meeker/Reems
 - Access to Del Webb Hospital
- Grade separations or traffic interchanges at Bell Road, 103rd Ave. and 107th Ave.
 - Interchanges would provide access to Grand Avenue – grade separations would not
- Greenway Road intersection improvements



Grand Avenue Feasibility Study

- Convert open drainage channel to closed system
 - Adjacent to eastbound Grand Avenue between Dysart Road and Agua Fria River
- Frontage road improvements
 - Various locations, including Thunderbird Road
- Landscape/sidewalk improvements
 - Various key locations along corridor



Grand Avenue Feasibility Study

- Summer '07: Obtain input from local jurisdictions on potential projects
- Summer '07—Spring '08: ongoing study team technical study and analysis
- Fall '07: Form Grand Avenue Corridor Working Group
 - Goal is to ensure high-level input from key stakeholder groups
 - Host four Working Group meetings throughout course of project to share study information and obtain input



Grand Avenue Feasibility Study

- Fall '07 and Spring '08: Obtain input from general public
 - Host public meetings in Nov. '07 to introduce study and projects and obtain early input
 - Host public meetings in March '08 to share and obtain input on draft recommendations
- June '08: Finalize and publish study report
 - Study summary to be posted to ADOT Web site



For More Information...

- Visit ADOT Web site:

www.azdot.gov/ValleyFreeways

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Community Outreach Team

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